

## EAST Search History

## EAST Search History ( Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	10/597200	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:23
L2	112761	( four "4" ) near3 ( layer ) same ( contact electrode )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:44
L3	8	Gallium near2 nitide	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:45
L4	25282	Gallium near2 nitride	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:45
L5	7	2 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:45
L6	82124	( multiple plural plurality ) near3 ( layer ) same ( contact electrode )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:47
L7	2274	4 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:48
L8	26867	( multiple ) near3 ( layer ) same ( contact electrode )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:48
L9	1331	4 and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:48

L10	16958	( multiple ) near3 ( layer ) same ( contact )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:49
L11	978	9 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:49
L12	397	11 and ohmic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:49
L13	448	( multiple plural plurality ) near2 ( layer ) with ( contact near electrode )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:56
L14	1074	( multiple plural plurality ) near2 ( layer ) same ( contact near electrode )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:56
L15	15	4 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:57
L16	194	4 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 18:58
L17	4533	( multi adj layer\$4 mutilayer\$4 ) near2 ( contact electrode )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 19:03
L18	116	( multi adj metal\$4 multimetal\$4 ) near2 ( contact electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 19:04
L19	1714	17 and nitride	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 19:05

L20	168	19 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 19:05
L21	182	(nickel Ni) with ( Diffusion adj barrier ) same electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 19:18
L22	122	21 and nitride	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 19:19
L23	109	22 and nickel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 19:21
L24	108	20 and barrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 19:55
L25	11958	(Ti Titanium ) same diffusion with barrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:10
L26	1148	(Ti Titanium ) near2 diffusion with barrier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:11
L27	0	3 and 26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:11
L28	0	3 and 25	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:12
L29	9702	25 and nitride	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:12

L30	261	25 and ( nitride near compound )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:13
L31	14310523	Ru Ir Re Rh Os V Ta W	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:53
L32	33998	31 near layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:54
L33	120	7 and 32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 20:55
L34	2	("6452214"   "7042012").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/20 22:18
L35	2	"20080230904"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 22:43
L36	2	"20030001170"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 23:03
L37	137427	barrier near layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 23:05
L38	1714	19 and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 23:05
L39	182	(Ru Ruthenium) near barrier with ( layer film )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 23:07
L40	199	(Ru Ruthenium) near barrier same( layer film )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 23:07

L41	10	6 and 40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 23:08
L42	137427	barrier near layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 23:16
L43	22850	31 same 42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 23:17
L44	188	17 and 43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 23:18
L45	26	4 and 44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/20 23:18

**EAST Search History (Interference)**

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